

**official program**  
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1958

**ACSM**  
 **ASP** 

**CONSECUTIVE  
MEETINGS and  
CO-EXHIBIT**

**SHOREHAM HOTEL**  
Washington , D. C.



18th ANNUAL MEETING  
**AMERICAN CONGRESS  
ON SURVEYING  
AND MAPPING**

MARCH 23-26

24th ANNUAL MEETING  
**AMERICAN SOCIETY OF  
PHOTOGRAMMETRY**



MARCH 26-29

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## *Consecutive Meetings and Co-exhibit*



ACSM  
18th Annual Meeting

Director  
JAMES P. WEBB  
Assistant Director  
JOHN H. WICKHAM, JR.



ASP  
24th Annual Meeting

Chairmen, Program Committees  
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BARBARA J. HOUGHTON MARIA PERRI

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**ACSM-ASP CONSECUTIVE MEETINGS, CO-EXHIBIT,  
AND JOINT SOCIAL FUNCTIONS  
MARCH 23-29, 1958**

*Sunday, March 23*

*Evening*

**6:00-8:00** Registration, West Lobby

**AMERICAN CONGRESS  
ON SURVEYING AND MAPPING  
*18th Annual Meeting***

ACSM caucus quarters, Room 400-G  
Caucus and Board meetings noon and afternoon immediately following  
daily program sessions.  
(Watch announcements and bulletins for special meetings)

*Monday, March 24*

*Morning*

**8:30** Registration, West Lobby

**10:00** ACSM-ASP LADIES COFFEE, CLUB ROOM

ACSM Simultaneous Morning Sessions,  
in different rooms as indicated

ACSM CARTOGRAPHY DIVISION, PARK ROOM  
Chairman, John A. Law, Panel Moderator, Presiding

**10:00 TECHNICAL TRENDS IN MAP AND CHART COMPILATION AND  
DRAFTING**

Prepared discussions by Panel members:

John M. McAlinden

Cartographer, U. S. Coast and Geodetic Survey, Washington, D. C.; Registered  
Professional Engineer in the District of Columbia

Frank A. Clemens

Chief, Cartographic Division, Aeronautical Chart and Information Center, USAF,  
St. Louis, Missouri

Raymond J. Mercil

Chief, Control Branch, Cartographic Division, Army Map Service, Washington,  
D. C.

Duncan M. Fitchet

General Manager, Creative Division, Rand McNally and Company, Chicago,  
Illinois

**11:00 PROJECTION AND GRID REQUIREMENTS FOR PRESENT-DAY AIR NAVIGATION**

John F. Gantt, Jr.

Senior Projects Officer, Requirements Division, Aeronautical Chart and Information Center, USAF, St. Louis, Missouri

**11:30 INTERIM REPORT ON THE OPERATIONAL USE OF THE STAPHOGRAPH**

Charles W. Schlager

Chief, Development Branch, Cartographic Division, Army Map Service, Washington, D. C.

**Division Business**

ACSM EDUCATION DIVISION, TAMERLANE ROOM

Chairman, Professor Sumner B. Irish, Presiding

**10:00 THE ENGINEERING MEASUREMENTS APPROACH TO ENGINEERING EDUCATION**

Professor Francis H. Moffitt

Division of Civil Engineering, University of California, Berkeley, California

Prepared discussions of Professor Moffitt's paper by:

Professor Ralph M. Berry

Department of Civil Engineering, University of Michigan, Ann Arbor, Michigan

Professor Charles L. Miller

Department of Civil and Sanitary Engineering, Massachusetts Institute of Technology, Cambridge, Massachusetts

Professor John O. Eichler

School of Civil Engineering, Georgia Institute of Technology, Atlanta, Georgia

**Division Business**

ACSM PROPERTY SURVEYS DIVISION, MAIN BALLROOM

Chairman, A. Phillips Bill, Presiding

**10:00 LAND SURVEYOR'S ANNUAL NATIONAL CONFERENCE**

Reports from the following Committees:

**MODEL SURVEYOR'S REGISTRATION LAW COMMITTEE**

Curtis M. Brown, Chairman

**FEES AND SALARIES COMMITTEE**

James L. Bell, Chairman

**ETHICS COMMITTEE**

Sol A. Bauer, Chairman

(continued on page 4)

**ARMY MAP SERVICE TOUR**

A tour of the facilities of the Army Map Service is available. If you plan to take this tour it is necessary that you register for the tour at the Registration Desk prior to 4:00 P.M., March 24, 1958. Transportation will not be furnished. Those interested in making the tour should plan to arrive at the Guard's Desk, Erskine Hall, Army Map Service, 6500 Brooks Lane, Washington, D. C., no later than 1:30 P.M., Tuesday, March 25, 1958.

Assistance in arranging for your transportation is available at the Registration Desk.

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**FAIR LABOR STANDARDS COMMITTEE**

Gordon E. Ainsworth, Chairman

Open discussion of other Land Surveyor's problems, as time permits

**ACSM TOPOGRAPHY DIVISION, WEST BALLROOM**

Chairman, Joe K. Bailey, Presiding

*Theme: The Needs of Map Users and What They Expect of a Map*

**10:00 THE NEED FOR MAP USE RESEARCH**

Robert O. Maxson

Chief, Map Use Research Section, Topographic Division, U. S. Geological Survey, Washington, D. C.

**10:20 SOME ASPECTS OF MAP USAGE AND MAP-USER REQUIREMENTS**

W. D. Hardeman

State Geologist, Department of Conservation, Nashville, Tennessee

**10:45 USE OF LARGE SCALE MAPS IN A HIGHWAY DEPARTMENT**

Richard A. Haber

Chief Engineer, Delaware State Highway Department, Dover, Delaware

**11:10 THE EFFECT OF USER REQUIREMENTS ON MAP DESIGN**

Jacob Skop

Chief, Map User Requirements Division, Army Map Service, Washington, D. C.

**11:35 Open Discussion**

**Division Business**

**ACSM CONTROL SURVEYS DIVISION, BLUE ROOM**

Chairman, Professor Arthur J. McNair, Presiding

**10:00 GEODESY AND THE ARTIFICIAL SATELLITE**

Dr. John A. O'Keefe

Mathematician, U. S. Army Map Service, Washington, D. C.

**Business Session**

*Afternoon*

**ACSM PLENARY SESSIONS, MAIN BALLROOM**

**1:20 WELCOMING ADDRESS**

Robert H. Lyddan

President, American Congress on Surveying and Mapping

**ACSM CONTROL SURVEYS DIVISION, MAIN BALLROOM**

Chairman, Professor Arthur J. McNair, Presiding

**1:30 TELLUROMETER: ELECTRONIC DISTANCE MEASURING**

Panel members will make brief statements, and will participate

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Kendall B. Wood

President, K. B. Wood and Associates, Inc., Portland, Oregon

Lt. Hal P. Demuth

Coastal Surveys Division, U. S. Coast and Geodetic Survey, Washington, D. C.

S. G. Gamble

Chief Topographic Engineer, Surveys and Mapping Branch, Department of Mines and Technical Surveys, Ottawa, Canada

William O. Baker

President, Michael Baker, Jr., Inc., Rochester, Pennsylvania

A. O. Quinn

Chief Engineer, Aero Service Corporation, Philadelphia, Pennsylvania

Donald D. Mears

Electronic Specialist, Tellurometer, Inc., Washington, D. C.

PROPERTY SURVEYS DIVISION—MAIN BALLROOM

**3:00 COORDINATION OF THE FEDERAL HIGHWAY PROGRAM TO THE  
WORK OF PROPERTY SURVEYORS**

Panel Moderator, A. Phillips Bill, Presiding

**SURVEYING AND MAPPING FOR FEDERAL ACQUISITION OF  
MILITARY INSTALLATIONS**

Jack C. Burdett

Chief, Real Estate Division, Washington District, Corps of Engineers,  
Washington, D. C.

**PERFORMANCE AND PRESERVATION OF HORIZONTAL AND  
VERTICAL CONTROL SURVEYS BEFORE, DURING, AND AFTER  
HIGHWAY CONSTRUCTION**

Benjamin E. Beavin

President, Benjamin E. Beavin Company, Baltimore, Maryland

**PERMANENT MONUMENTATION OF RIGHTS-OF-WAY AND  
PROPER FILING OF RECORDS AND NOTES ON CONTROLS**

Robert H. Hunter

Engineer, Control Surveys Division, Department of Public Works, Boston,  
Massachusetts

**PRESERVATION OF PROPERTY LINES DURING HIGHWAY CON-  
STRUCTION AND THE SURVEYOR'S CONTRIBUTION TO THE  
ACQUISITION OF RIGHTS-OF-WAY.**

Gordon E. Ainsworth

Gordon E. Ainsworth and Associates, South Deerfield, Massachusetts

Discussion from the floor

**4:30 Report from the American Society of Civil Engineers Task Com-  
mittee studying the status of Surveying and Mapping**

Brother B. Austin Barry, Chairman

ACSM INSTRUMENTS DIVISION, SHOREHAM TERRACE

**OPERATIONAL DEMONSTRATION OF AN ACTUAL  
MEASUREMENT OF DISTANCE**

**5:30 TELLUROMETER**

MONDAY, MARCH 24, Continued

*Evening*

**8:00 COCKTAIL PARTY, MAIN BALLROOM**

*Tuesday, March 25*

*Morning*

**9:00** Registration, West Lobby

**10:00 GRAND OPENING OF ACSM-ASP CO-EXHIBITS, NEW EXHIBIT HALL**

PLENARY SESSION

ACSM CARTOGRAPHY DIVISION, MAIN BALLROOM

Chairman, John A. Law, Presiding

**10:00 LAND SUBSIDENCE IN THE SAN JOAQUIN VALLEY**

Clifford V. Eckhardt

District Engineer, U. S. Geological Survey, Sacramento, California

Discussion

**10:45 ART AND COMMON SENSE IN CARTOGRAPHY**

Richard Edes Harrison

Consulting Cartographer, New York, New York

Discussion

*Afternoon*

**1:30 LADIES RECEPTION AT THE CHINESE EMBASSY**

Buses depart Shoreham Hotel at 1:30

PLENARY SESSIONS

ACSM EDUCATION DIVISION, MAIN BALLROOM

Professor Sumner B. Irish, Panel Moderator, Presiding

**1:30 MAP-MAKING, OR, THE PROPER EXPRESSION OF SURVEY DATA**

Seymour Hackett

Chief Draftsman, Aero Service Corporation, Philadelphia, Pennsylvania

Charles F. Fuechsel

Chief, Cartographic Section, U. S. Geological Survey, Washington, D. C.

O. M. Miller

Research Assistant to the Director, American Geographical Society, New York, New York

Stuart J. Eckerson

Chief, Cartographic Department, General Land Office, Washington, D. C.

TUESDAY AFTERNOON, MARCH 25, 1959 (Continued)

ACSM INSTRUMENTS DIVISION, MAIN BALLROOM

Chairman, Clifford A. Thorpe, Jr., Presiding

**3:00 EARLY INSTRUMENTS AND THE HISTORY OF SURVEYING**

Dr. Robert P. Multhaupt

Head Curator, Department of Science and Technology, U. S. National Museum,  
Smithsonian Institution, Washington, D. C.

**3:45 THE GEODIMETER—PROGRESS REPORTS ON DISTANCE MEASUREMENT WITH LIGHT WAVES — TO BE FOLLOWED BY PANEL DISCUSSION**

Milton E. Compton, Jr.

Manager, Geodimeter Company, Division of Berg, Hedstrom and Company,  
Inc., New York, New York



ACSM PROPERTY SURVEYS DIVISION, MAIN BALLROOM

Chairman, A. Phillips Bill, Presiding

**5:00 DIVISION BUSINESS MEETING**

Discussion on affiliate organizations sending direct representatives and on their appointment as "Division Advisers"

Discussion of Division objectives and adoption of revised Division Bylaws

Division Resolutions

Election of Officers

Committee and task assignments

*Evening*

**8:00** Exhibits close for the day

**8:00 TELLUROMETER—FIELD OPERATION, MAIN BALLROOM**

A 21-minute color and sound movie

Shown through the courtesy of the U. S. Army Engineer Research and  
Development Laboratories, Fort Belvoir, Virginia

**8:30 ACSM 18th ANNUAL BUSINESS MEETING, MAIN BALLROOM**

Abstract Reports from the ACSM Sections, Divisions, Committees,  
and Officers. Resolutions from the Convention

Teller's Report on Election

Introduction and Installation of Officers

Messages from Retiring and Incoming Presidents

Further Business, Announcements

*Wednesday, March 26*

*Morning*

9:00 Registration, West Lobby

10:00 Exhibits open, New Exhibit Hall

10:00 **LADIES TOUR, NATIONAL GEOGRAPHIC SOCIETY**

Buses leave Shoreham Hotel 10:00

PLENARY SESSION

ACSM TOPOGRAPHY DIVISION, MAIN BALLROOM

Chairman, Joe K. Bailey, Presiding

9:30 **A NEW LOOK AT THE ELEVATION METER**

Julius L. Speert

Civil Engineer, Topographic, U. S. Geological Survey, Washington, D. C.

C. R. Mason

Cartographer, Photogrammetric, U. S. Geological Survey, Washington, D. C.

9:50 **CIVIL DEFENSE USE OF MAPS IN WARTIME AND IN NATURAL DISASTERS**

Barent F. Landstreet

Director, Operations Plans Office, Federal Civil Defense Administration, Battle Creek, Michigan

10:20 **THE EMPHASIS ON NEW TECHNIQUES AND IMAGINATIVE PLANNING IN THE MAPPING OF OUTLYING AREAS**

Brigadier Martin Hotine

Directorate of Overseas Surveys, Surrey, England

**ACSM - ASP GENERAL ASSEMBLY**

*Main Ballroom*

*11:00 A. M.*

Presidents of the American Congress on Surveying and Mapping and the American Society of Photogrammetry.

Introductions

**KEYNOTE ADDRESS**

Dr. Lawrence Gould

President, Carleton College, Northfield, Minnesota, and Director, U. S. Geophysical Year Antarctic Program

**AMERICAN SOCIETY  
OF  
PHOTOGRAMMETRY**  
*24th Annual Meeting*

*Wednesday, March 26*

*Afternoon*

**ASP PLENARY SESSION, MAIN BALLROOM**

- 1:30** Opening ASP 24th Annual Meeting  
Opening Address  
President K. E. Reynolds
- 1:45** Greetings from Representatives of Foreign Societies
- 1:50** **MAPPING OF THE UNGAVA PENINSULA**  
S. G. Gamble  
Department of Mines and Technical Surveys, Ottawa, Canada
- 2:15** **THE ROLE OF PHOTOGRAMMETRY IN AN OPEN SKIES PROGRAM**  
George D. Whitmore  
U. S. Geological Survey, Washington, D. C.
- 2:40** **THE HIGH-ALTITUDE LONG-FOCUS CONVERGENT (HALCON) MAPPING SYSTEM**  
J. W. Halbrook  
U. S. Army Engineer Research and Development Laboratories, Fort Belvoir, Virginia
- 3:05** **INDUSTRIAL COMPONENTS, A PHOTO INTERPRETATION KEY OF INDUSTRY**  
Thomas C. Chisnell and Gordon E. Cole  
Photogrammetry, Inc., Silver Spring, Maryland
- 3:30** **EARTH SATELLITE PHOTOGRAMMETRY**  
Paul Rosenberg  
Paul Rosenberg Associates, Mount Vernon, New York
- 3:55** **ATHENS TO SPARTA: THE TERRAIN DATA PROBLEM**  
Quentin S. Johnson  
Benson-Lehner Corporation, Los Angeles, California
- 4:20** **THE FALKLAND ISLANDS AND DEPENDENCIES AERIAL SURVEY EXPEDITION 1955-57**  
P. G. Mott  
Hunting Aerosurveys Ltd., Boreham Wood, Herts, England

The paper will be followed by a showing of the color film "Based on Deception" documenting the operations of the expedition during the first season.

*Evening*

- 6:30 COCKTAIL HOUR, WEST BALLROOM  
8:00 GRAND BANQUET, TERRACE BANQUET ROOM

*Thursday, March 27*

*Morning*

- 9:00 Registration, West Lobby  
10:00 Exhibits Open, New Exhibit Hall
- ASP PLENARY SESSION, MAIN BALLROOM
- 9:30 ORTHOPHOTOGRAPHY — ITS TECHNIQUES AND APPLICATION  
Rupert B. Southard  
U. S. Geological Survey, Washington, D. C.
- 9:55 THE PHOTO-CONTOUR MAP  
Richard O. Mahan  
R. M. Towill Corporation, Honolulu, Hawaii
- 10:20 PHOTOGRAMMETRIC MAPPING OF SAND BEDS IN A HYDRAULIC TEST FLUME  
Morris M. Thompson  
U. S. Geological Survey, Washington, D. C.
- 10:45 PHOTOGRAMMETRIC TECHNIQUES FOR ENGINEERING MEASUREMENTS  
Robert D. Turpin  
The University of Texas, Austin, Texas
- 11:10 LEVELING A STEREOSCOPIC MODEL BY MEANS OF SLOPE LINES MEASURED ON THE GROUND  
David Landen  
U. S. Geographical Survey, Washington, D. C.
- 11:35 TORSION CONSTANTS OF CERTAIN CROSS SECTIONS BY NON-TOPOGRAPHIC PHOTOGRAMMETRY  
F. Ramon Bonanno  
United States Air Force Academy, Denver, Colorado

*Noon*

- 12:30 ACSM-ASP LADIES LUNCHEON, TERRACE BANQUET ROOM

*Afternoon*

- ASP PLENARY SESSION, MAIN BALLROOM  
1:30 AEROTRIANGULATION TESTS

THURSDAY AFTERNOON, MARCH 27, Continued

**1:55 DIGITAL TERRAIN MODEL THEORY AND APPLICATION**

Charles L. Miller

Massachusetts Institute of Technology, Cambridge, Massachusetts

**2:20 UNIVERSAL PHOTOGRAMMETRIC ELECTRONIC RECTIFIER**

Leroy E. Ross, Jr.

Rome Air Development Center, Griffiss Air Force Base, New York

Samuel W. Levine

Fairchild Graphic Equipment, Inc., Plainview, Long Island, New York

**2:45 A DISCUSSION OF THE AERIAL-CAMERA STEREO-INSTRUMENT TEAM**

Joseph B. Theis

Army Map Service, Washington, D. C.

**3:10 PHOTOGRAMMETRIC APPLICATIONS OF RADAR-SCOPE PHOTOGRAPHY**

Pamela R. Hoffman

Aeronautical Chart and Information Center, St. Louis, Missouri

**3:35 INVESTIGATION OF AN INTEGRATED MAPPING SYSTEM**

Leon J. Kosofsky

Army Map Service, Washington, D. C.

**4:00 ANALYSIS OF THE AERIAL PANORAMIC PHOTOGRAPH**

John H. LeResche

U. S. Navy Photographic Interpretation Center, Suitland, Maryland

**4:25 FLUOR-O-DODGE METHOD FOR CONTRAST CONTROL**

Alfred J. Watson

Watson Electronics and Engineering Company, Inc., Arlington, Virginia

*Evening*

**8:00 OFFICIAL CLOSING OF 1958 ACSM-ASP CO-EXHIBITS**

**8:00 ASP AWARDS NIGHT AND ANNUAL BUSINESS MEETING, MAIN BALLROOM**

*Friday, March 28*

*Morning*

**9:00** Registration, West Lobby

**10:00** Ladies Visit to Pan American Union

Buses leave Shoreham Hotel, 10:00 A.M.

ASP Simultaneous Sessions, Main Ballroom and West Ballroom

ASP PHOTOINTERPRETATION SESSION, WEST BALLROOM

**9:30 PHOTOINTERPRETATION PANEL**

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Moderator: H. T. H. Smith  
University of Massachusetts, Amherst, Massachusetts

FRIDAY MORNING, MARCH 28, Continued

**9:40 THE AERIAL PHOTOGRAPH AND APPLIED GEOMORPHOLOGY**

Benjamin A. Tator  
Gulf Oil Company, New York, New York

**10:00 TECHNIQUES OF GEOLOGICAL FRACTURE AND LINEAMENT  
MAPPING ON AERIAL PHOTOGRAPHS**

Lawrence H. Lattman  
The Pennsylvania State University, University Park, Pennsylvania

**10:20 EXAMPLES OF FRACTURE ANALYSIS FROM AIR PHOTOS**

P. H. Blanchet  
Consulting Geologist, Calgary, Alberta, Canada

**10:40 PHOTO GEOLOGY OF THE CANADIAN ARCTIC ISLANDS**

Ray Thorsteinsson  
Geological Survey of Canada, Ottawa, Ontario, Canada

**11:00 COLOR AERIAL PHOTOGRAPHY IN GEOLOGIC INVESTIGATION**

William A. Fischer  
U. S. Geological Survey, Washington, D. C.

**11:20 SMALL SCALE PHOTOS IN PHOTO GEOLOGIC INTERPRETATION**

William R. Hemphill  
U. S. Geological Survey, Washington, D. C.

**11:40 SCALE AND INSTRUMENT RELATIONS IN PHOTO GEOLOGIC  
INTERPRETATION**

Richard Ray  
U. S. Geological Survey, Washington, D. C.

**12:00 AERIAL PHOTOGRAPHY AND ARCHAEOLOGY**

Ralph Solecki  
Smithsonian Institution, Washington, D. C.

ASP PHOTOGRAMMETRIC SESSION, MAIN BALLROOM

**9:30 MAPPING OF GLACIERS IN ALASKA**

James B. Case  
The Ohio State University, Columbus, Ohio

**9:55 THE PROBLEM OF EXTERIOR ORIENTATION IN PHOTOGRAMMETRY**

George H. Rosenfield  
R.C.A. Service Company, Inc., Patrick Air Force Base, Florida

**10:20 THE KC-2 MODERN CONVERGENT CAMERA SYSTEM**

Eldon D. Sewell  
U. S. Army Engineer Research and Development Laboratories  
Leonard W. Crouch  
Wright Air Development Center, Wright-Patterson Air Force Base, Ohio

**10:45 THE CONVERGENT MAPPING CAMERA**

Saul R. Levine  
Fairchild Camera and Instrument Company, Syosset, Long Island, New York

**11:10 A TORQUER STABILIZED MOUNT FOR THE CONVERGENT  
MAPPING CAMERA**

A. Roberts  
Aeroflex Laboratories, Inc., Long Island City, New York

**11:35 A NEW TYPE OF WIDE-ANGLE MAPPING LENS**

John P. C. Baker  
SPICA, Winchester, Massachusetts

*Afternoon*

ASP PLENARY SESSION, MAIN BALLROOM

**1:30 GRAPHIC CONTROL CHARTS, AN AID TO PHOTOGRAMMETRIC TRAINING**

Karl E. Moessner  
U. S. Forest Service, Ogden, Utah

**1:55 PROGRESS ON STEREOSCOPIC SCANNING WITH THE STEREOPLANIGRAPH**

L. V. Strees  
U. S. Navy Hydrographic Office, Washington, D. C.

**2:20 NISTRI STEREOCOMPARATOR TA 3**

Gino Parenti  
Ottico Meccanica Italiana, Rome, Italy

**2:45 HISTORY FROM THE AIR**

H. L. Cameron  
Nova Scotia Research Foundation, Halifax, Nova Scotia

**3:10 PROBLEM ANALYSIS AND THE ROLE OF FUNDAMENTAL AERIAL PHOTOGRAPHIC INTERPRETATION TECHNIQUES**

Ethan D. Churchill  
Consultant, Aero Service Corporation, Philadelphia, Pennsylvania

**3:35 INSTRUMENTATION FOR STEREOTEMPLATES**

Thomas A. Hughes  
U. S. Geological Survey, Washington, D. C.

**4:00 MIRCON—THE DESIGN OF A NEW FAMILY OF TELEPHOTO OPTICAL SYSTEMS**

Everett L. Merritt  
Photogrammetry, Inc., Silver Spring, Maryland

**4:25 AERIAL TRIANGULATION TECHNIQUES FOR ESTABLISHING CONTROL**

Michael G. Misulia  
Army Map Service, Washington, D. C.

**4:55 Closing of American Society of Photogrammetry  
24th Annual Meeting**

President John I. Davidson

*Evening*

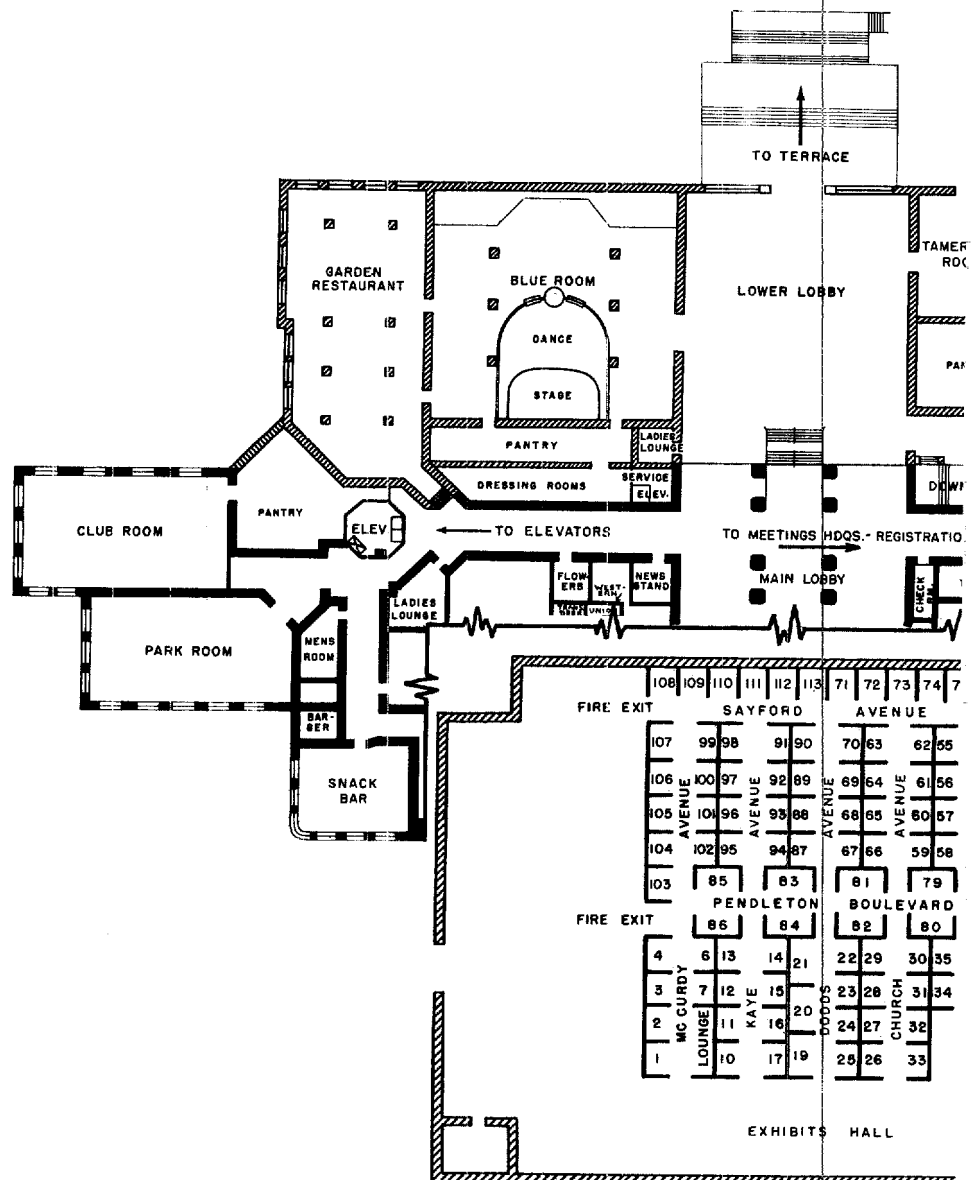
**9:00-1:00 ACSM-ASP Annual Dance—Main Ballroom**

*Saturday, March 29*

Operational closing of the 1958 ACSM-ASP CONSECUTIVE MEETINGS

Watch for notices and announcements of Board of Directors  
and other Special Meetings.  
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**FLOOR PLAN and**  
**1958 ACSM-ASP Consecuti**

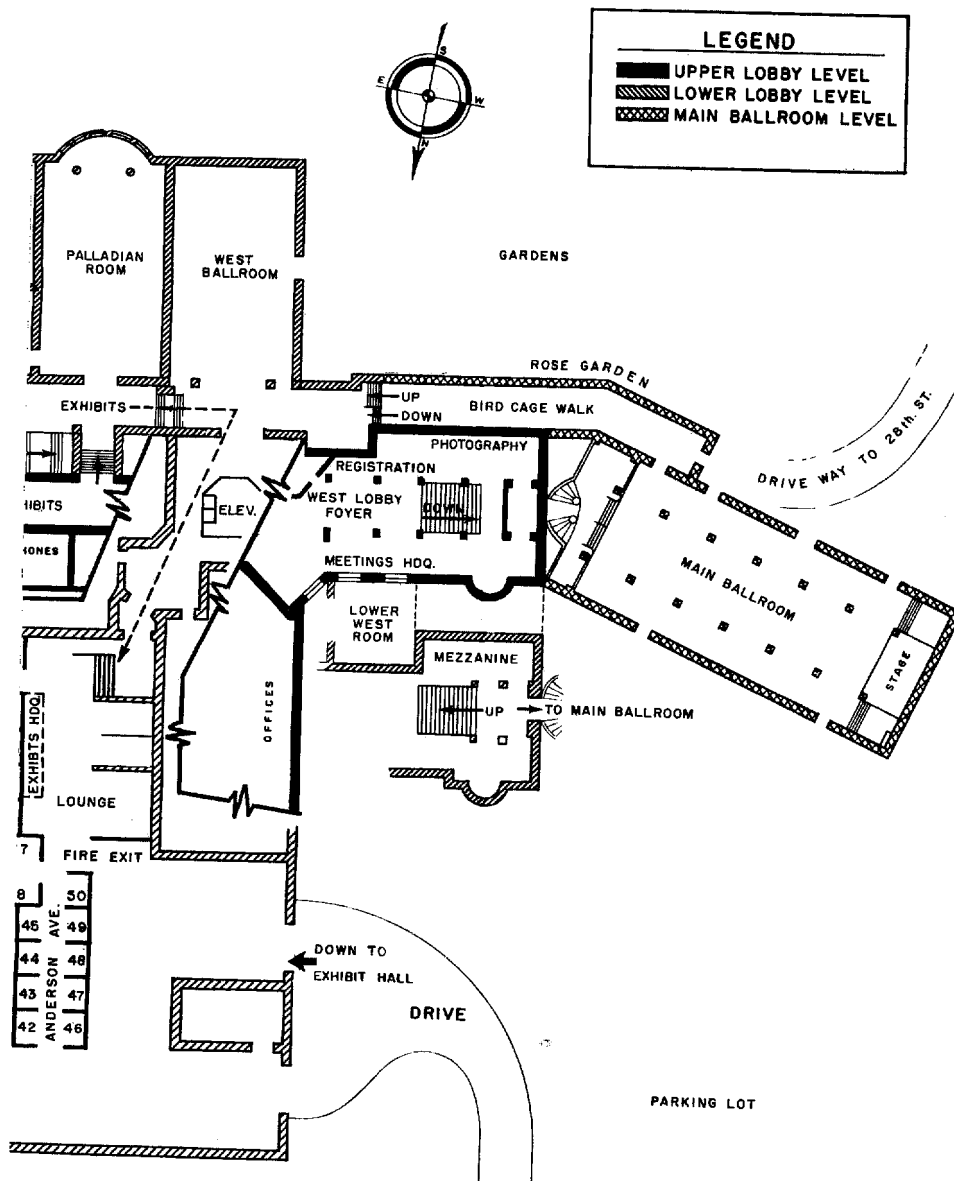


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# DEX TO EXHIBITS

## Meetings and Co-Exhibits



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The Entertainment Committee for the 1958 joint meetings has been charged with the responsibility of providing enjoyable social events and entertainment for the week in the established tradition. They have further been charged with the task of improving upon the social programming along lines indicated by your comments on the social functions of past meetings.

Ladies are cordially invited to be present at all social events and will be warmly welcomed.

Dress is optional at all events.

Your comfort and convenience has been carefully considered with the result that larger, better space has been arranged for all events. The events are as follows:

### *Cocktail Party — Monday, March 24*

MAIN BALLROOM—8:00 P.M.

An evening of meeting your old friends and making new ones, in an atmosphere of relaxation, accompanied by music to your liking, for listening and dancing.....\$3.00

### *Cocktail Hour — Wednesday, March 26*

WEST BALLROOM—6:30 P.M.

An early evening get-together for meeting friends and forming groups for the Banquet. Liting cocktail music in keeping with the occasion will be provided.....\$1.50

### *The Grand Banquet — Wednesday, March 26*

TERRACE BANQUET ROOM—8:00 P.M.

A good dinner followed by good entertainment, both tastefully arranged .....\$6.50

**Note:** To improve service at the Grand Banquet, table space will be available for individuals and groups on a reservation basis. Any remaining space will be available on an unreserved basis. In order that the reservation arrangements work as smoothly as possible, the following points are emphasized:

1. You may make your reservations at the registration desk; no "automatic" reservations will be made.

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3. If you are not planning to sit with a definite party but wish to reserve seating space, your Entertainment Committee will cooperate with you in seating you at the table of your choice, if possible.

4. Group reservations will be made as desired when accompanied by payment in full at the registration desk. The names of the people in your party should be furnished when making reservations.

5. The Banquet is the largest social function of the Meetings. We will try to make your attendance at this function as enjoyable as possible. There is no problem that cannot be worked out with patience and understanding; please help us.

## *Dance — Friday, March 28*

MAIN BALLROOM—9:00 P.M.

A sociable evening in the company of your friends, with dancing, to your favorite music. Refreshments may be bought or brought. No table reservations will be accepted for this event.....\$1.50

*Music and entertainment for the week are furnished by  
Jack Morton Productions.*

### **EXHIBIT OF HISTORICAL INSTRUMENTS**

**Sponsored by the Instruments Division  
American Congress on Surveying and Mapping**

Collected through the efforts of Thorpe-Smith, Inc.

#### **CHIEF CONTRIBUTORS:**

U. S. National Museum, Smithsonian Institution

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Joseph Berry

U. S. Geological Survey

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Pennsylvania Railroad

Brunson Instrument Company

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Many other individuals, institutions, and firms also contributed.

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~~LADIES ACTIVITIES--ACSM-ASP--1958~~

For the first time LADIES ACTIVITIES at the Joint Meetings are under the general supervision of the Entertainment Committee. A program has been arranged which will furnish a variety of interests for ladies attending the meetings.

Hostesses for the ladies social functions will be:

Mrs. Robert H. Lyddan

Mrs. Kenneth E. Reynolds

#### PROGRAM

**ACSM-ASP Ladies Coffee**—Monday, March 24—10:00 A.M., Club Room

An opportunity to meet old friends and make new acquaintances over coffee and a snack served by the Shoreham staff.

**Reception at Chinese Embassy and Washington Tour**—Tuesday, March 25,  
Bus leaves Shoreham at 1:30 P.M.

A fascinating motor tour of the Nation's Capital—accompanied by a competent guide, you will see Blair House, the White House, the homes of Taft, Wilson and Hoover, the \$50,000,000 Federal Triangle, the Mall, the Capitol and grounds, the Tidal Basin, the Jefferson Memorial, and stop at the Lincoln Memorial. The high point of this tour is a reception, just for you, at the Chinese Embassy, with a tea served in the fashion for which this Embassy is well known. You will be returned to the Shoreham at about 4:30 P.M.

Inasmuch as there is a limit on the number of ladies who can be received at the Embassy, please make reservations early for this event. First preference on this tour will be given to the ladies who purchase the special-price bus ticket described below.\*

**Tour through National Geographic**—Wednesday, March 26, leave Shoreham at 10:00 A.M.

An enlightening trip to the National Geographic Society headquarters—a look at the enchanting wonderlands of our world guided by those who have charted most of its face. See price below.\*

**ACSM-ASP Ladies Luncheon**—Thursday, March 27, 12:30 P.M., Terrace Banquet Room

An excellent luncheon will be served in the style made famous by the Shoreham. Don't miss this opportunity—make up parties and reserve early. The price will be \$1.75 per person.

**A Visit to Pan American Union**—Friday, March 28, leave Shoreham at 10:00 A.M.

After being officially greeted, learn about the work of this fine organization and view their unique exhibits. After a tour through the facilities, enjoy luncheon with your friends at the beautiful cafeteria of the Union. Return to Shoreham after lunch. Ladies will pay for their own luncheons.\*

\* Comfortable motor bus transportation will be provided for the Tuesday, Wednesday and Friday tours. A block of three tickets good for all three tours will be sold at the special price of \$2.50 and ladies who purchase this ticket will be given first preference on the Wednesday Embassy Reception and Washington tour. Single bus tickets for the Wednesday and Friday tours will be sold at the price of \$1.00 per ticket.

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For those who are not present at the time of registration, there is no charge for this registration.

AMERICAN CONGRESS ON SURVEYING

AND MAPPING

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| Technical Information.....                                  | Peter E. Warneck.....      | Serenus W. Dossi       |
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| Talbert Abrams Award.....                                   | J. I. Davidson             |                        |
| Bausch & Lomb Awards.....                                   | Ray A. Kelsey              |                        |
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| <b>4. Society Representation</b>                            |                            |                        |
| <b>Committees</b>   |                            |                        |
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| American Standards Association.....                         | Francis E. Washer          |                        |
| D. C. Council Engineering &<br>Architectural Societies..... | Eugene J. Schlatter        |                        |
| International Society of<br>Photogrammetry.....             | William C. Cude            |                        |
| National Research Council                                   |                            |                        |
| Cartography.....  | John G. Ladd               |                        |

Arrangements for photographing speakers will be made at the time of their registration at the registration desk.

Personal copies of all photographs may be ordered at the Registration Desk.

#### **ACSM AND ASP SOCIETY BUSINESS OFFICES, WEST LOBBY**

For your convenience business offices of the two societies have been established in the West Lobby.

#### **EXHIBITS**

Grand Opening, Tuesday, 10:00 A.M., New Exhibit Hall

Exhibits Open

Tuesday	10:00 A.M. - 8:00 P.M.
Wednesday	10:00 A.M. - 6:00 P.M.
Thursday	10:00 A.M. - 8:00 P.M.

The public is invited to view the exhibits. There is no admission charge to view the exhibits.

#### **REGISTRATION**

Registration will take place in the West Lobby of the Shoreham Hotel. A fee of \$3.00 entitles the registrant to an official badge to be used for admission to all sessions of the 1958 ACSM-ASP meetings. Wives of registrants are encouraged to register but are not required to pay a registration fee. Representatives from each commercial exhibitor may register for a nominal fee of \$1.00 each.

#### **STUDENT GROUPS**

Organized student groups will be admitted free to all technical sessions. The leader of the group should be a school representative who can accompany the group to the meetings. He should make arrangements for his group by contacting Mrs. Ruth Albright, Chairman, Registration Committee. Free registration is limited to full-time undergraduate and enlisted military student groups.

#### **INFORMATION CENTER**

A general information and message center is located in the West Lobby, with a public address system covering the convention areas.

#### **PUBLICITY**

Information concerning papers, speakers, prominent dignitaries, of-ficials, and proposed events of the 1958 ACSM-ASP Meeting will be obtained from publicity staff members in the South Room.

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**ASP LOCAL REGIONS MEETING**

**THURSDAY, MARCH 27**

**2:30 P.M.**

**Suite 100-G**

**INTERNATIONAL GEOPHYSICAL YEAR EXHIBIT**

The IGY exhibit has been prepared by The National Academy of Sciences, U. S. National Committee For The International Geophysical Year in cooperation with the U. S. Naval Academy, U. S. Weather Bureau, Texas Instrument Company, Smithsonian Astrophysical Observatory, Navy Hydrographic Office and The Naval Research Laboratory.

The exhibit consists of a group of panels representing specific IGY programs which have a direct relationship to photogrammetry, mapping and surveying. IGY researches in gravity, seismology, meteorology, latitude and longitude, satellites, and oceanography are portrayed and some of the modern tools and instruments involved in these studies will be displayed.

The avenues in the exhibit hall are named in memory of the deceased Honorary Members and Past Presidents of the American Congress on Surveying and Mapping and the American Society of Photogrammetry.

R. O. ANDERSON, HONORARY MEMBER, ASP  
C. H. BIRDSEYE, PAST PRESIDENT, ASP  
E. F. CHURCH, HONORARY MEMBER, ASP  
J. S. DODDS, PAST PRESIDENT, ACSM  
M. M. KAYE, PAST PRESIDENT, ASP  
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T. P. PENDLETON, PAST PRESIDENT AND HONORARY MEMBER, ASP  
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**AMERICAN CONGRESS ON  
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